

HUBUNGAN KEPATUHAN KONTROL PENGGUNA ALAT ORTODONTIK CEKAT DENGAN SKOR PLAK

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ABSTRAK

Latar Belakang: Perawatan ortodontik memerlukan waktu yang lama untuk menyelesaikannya, sehingga pengguna harus melakukan kunjungan secara rutin. Alat ortodontik cekat yang menempel pada gigi akan menyulitkan penggunanya untuk membersihkan gigi, sehingga mengakibatkan akumulasi plak disekitar *bracket* dan tepi *gingiva*. Berdasarkan studi pendahuluan yang dilakukan di klinik swasta terdapat data sebesar 70% pasien mempunyai *oral hygiene* sedang hingga buruk.

Tujuan: Diketuinya hubungan kepatuhan kontrol pengguna alat ortodontik cekat dengan skor plak.

Metode: Jenis penelitian yaitu survey analitik dengan pendekatan *cross sectional*. Pengambilan sampel menggunakan Teknik accidental sampling. Penelitian ini dilakukan di klinik gigi swasta pada bulan Februari-Maret 2024. Analisis data dilakukan melalui uji korelasi *Spearman Rank*.

Hasil: Responden patuh kontrol sebanyak 70% dan tidak patuh kontrol sebanyak 30%. Skor plak kategori baik sebanyak 54%, kategori sedang sebanyak 42% dan kategori buruk sebanyak 4%. Uji *Spearman Rank* didapat nilai signifikansi 0.001 menunjukkan nilai signifikansi < 0.05 sehingga ada hubungan antara kepatuhan kontrol pengguna alat ortodontik cekat dengan skor plak.

Kesimpulan: Semakin pasien patuh kontrol maka semakin baik kondisi *oral hygiene*.

Kata kunci: Kepatuhan Kontrol, Ortodontik Cekat, Skor Plak.

THE RELATIONSHIP OF FIXED ORTHODONTIC APPLIANCES USER CONTROL COMPLIANCE WITH PLAQUE SCORES

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ABSTRACT

Background: Orthodontic treatment takes a long time to complete, so users must make regular visits. Fixed orthodontic appliances that are attached to the teeth will make it difficult for the user to clean the teeth, resulting in plaque accumulation around the brackets and gingival edges. Based on preliminary studies conducted in dental clinics, there is data that 70% of patients have moderate to poor oral hygiene.

Aim: To determine the relationship between control compliance of users of fixed orthodontic appliances and plaque scores.

Method: The type of research is an analytical survey with a cross sectional approach. Sampling used accidental sampling technique. This research was conducted at a private dental clinic in February - March 2024. Data analysis was carried out using the Spearman Rank correlation test.

Results: 70% of respondents complied with the control and 30% did not comply with the control. The plaque score in the good category was 54%, the moderate category was 42% and the bad category was 4%. The Spearman Rank test obtained a significance value of 0.001, indicating a significance value of < 0.05 , so there is a relationship between control compliance by users of fixed orthodontic appliances and plaque scores.

Conclusion: The more the patient complies with the control, the better the oral hygiene conditions.

Keywords: Compliance Control, Fixed Orthodontics, Plaque Score.